

FORM PTO-1449	SERIAL NO. unassigned	CASE NO. 5050-836
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 15, 2001	GROUP ART UNIT unassigned
(use several sheets if necessary)		APPLICANT(S): Bradley, Charles E., et al.

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A1	A1	4,712,037	12/08/87	Verbeek et al.		
	A2	4,771,792	09/20/88	Seale		
	A3	5,040,537	08/20/91	Katakura		
	A4	5,111,823	05/12/92	Cohen		
	A5	5,115,809	05/26/92	Saitoh et al.		
	A6	5,190,766	03/02/93	Ishihara		
	A7	5,195,520	03/23/93	Schlieff et al.		
	A8	5,215,680	06/01/93	D'Arrigo		
	A9	5,219,401	06/15/93	Cathignol et al.		
	A10	5,255,683	10/26/93	Monaghan		
	A11	5,285,788	02/15/94	Arenson, et al.		
	A12	5,325,858	07/05/94	Morizumi		
	A13	5,358,466	10/25/94	Aida et al.		
	A14	5,380,411	01/10/95	Schlieff		
	A15	5,410,205	04/25/95	Gururaja		
	A16	5,410,516	04/25/95	Uhlendorf et al.		
	A17	5,417,214	05/23/95	Roberts et al.		
	A18	5,425,366	06/20/95	Reinhardt et al.		
	A19	5,433,207	07/18/95	Pretlow, III		
	A20	5,438,554	08/01/95	Seyed-Bolorforosh et al.		
	A21	5,456,255	10/10/95	Abe et al.		
	A22	5,456,257	10/10/95	Johnson et al.		
	A23	5,469,849	11/28/95	Sasaki et al.		
	A24	5,479,926	01/02/96	Ustuner et al.		
	A25	5,482,046	01/09/96	Deitrich		
	A26	5,523,058	06/04/96	Umemura et al.		
	A27	5,526,816	06/18/96	Arditi		
	A28	5,558,092	09/24/96	Unger et al.		
	A29	5,560,364	10/01/96	Porter		
	A30	5,577,505	11/26/96	Brock-Fisher et al.		
	A31	5,579,768	12/03/96	Klesenski		
	A32	5,579,770	12/03/96	Finger		
	A33	5,580,575	12/03/96	Unger et al.		
	A34	5,601,086	02/11/97	Pretlow, III et al.		
	A35	5,608,690	03/04/97	Hossack et al.		
	A36	5,617,862	04/08/97	Cole et al.		
	A37	5,632,277	05/27/97	Chapman et al.		

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 5-14-04
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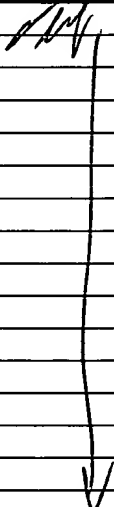
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	A38	5,675,554	10/07/97	Cole et al.		
	A39	5,678,554	10/21/97	Hossack et al.		
	A40	5,696,737	12/09/97	Hossack et al.		
	A41	5,706,819	01/13/98	Hwang		
	A42	5,724,976	03/10/98	Mine et al.		
	A43	5,740,128	04/14/98	Hossack et al.		
	A44	5,833,614	11/10/98	Dodd et al.		
	A45	5,913,823	06/22/99	Hedberg et al.		
	A46	5,957,851	09/28/99	Hossack		
	A47	5,995,450	11/1999	Cole et al.		
	A48	6,005,827	12/21/99	Hossack et al.		
	A49	6,016,285	01/2000	Wrighte et al.		
	A50	6,023,977	02/15/00	Langdon et al.		
	A51	6,056,943	05/2000	Schutt		
	A52	6,110,120	08/29/00	Holley et al.		
A53	6,193,659	02/27/01	Ramamurthy et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
[Signature]	A54	WO 98/20361	5/14/98				
	A55	EP 0 770 352 A1	2 May 1997	EPO			
	A56	EP 0 357 164	unknown	EPO (UK)			

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
[Signature]	A57	"Determination of Third-Order Elastic Constants from Ultrasonic Harmonic Generation Measurements", M.A. Braezeale and Jacob Philip, <i>Physical Acoustics</i> , Vol. XVII, 1984
	A58	Pi Hsien Chang, et al., "Second Harmonic Imaging and Harmonic Doppler Measurements with Alunex." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 42, No. 6, Nov. 1995.
	A59	Marc Gensane, "Bubble population measurements with a parametric array." J. Acoustical Society of America, 95 (6), June 1994.
	A60	Ken Ishihara, et al., "New Approach to Noninvasive Manometry Based on Pressure Dependent Resonant Shift of Elastic Microcapsules in Ultrasonic Frequency Characteristics." Japanese J. of Applied Physics, Vol. 2 (1988).
	A61	V.L. Newhouse, et al., "Bubble size measurements using the nonlinear mixing of two frequencies." J. Acoustical Society of America, 75 (5), May 1984.

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<i>MS</i>	A62	"Small Spheres Lead to Big Ideas." Research News, Science Vol. 267, 20 Jan. 1995.
	A63	Abstracts Journal of the American Society of Echocardiography, Vol. 8, No. 3 pgs. 345-46, 355, 358-364.
	A64	Deborah J. Rubens, MD, et al., "Sonoelasticity Imaging of Prostate Cancer: In Vitro Results." Radiology, Vol. 195, No. 2, 1995.
	A65	B. Schrope, et al., "Simulated Capillary Blood Flow Measurement Using a Nonlinear Ultrasonic Contrast Agent." Ultrasonic Imaging 14 (1992).
	A66	Fred Lee, Jr., MD, et al., "Sonoelasticity Imaging: Results in in Vitro Tissue Specimens." Radiology, Vol. 181, No. 1 (1991).
	A67	Kevin J. Parker, PhD., et al., "Sonoelasticity of Organs: Shear Waves Ring A Bell." J. Ultrasound Med., 11 (1992).
	A68	William Armstrong, M.D., et al., "Position Paper on Contrast Echocardiography." American Society of Echocardiography, draft 1, 6/6/94.
	A69	K.J. Parker, et al., "Tissue Response to Mechanical Vibrations for 'Sonoelasticity Imaging'." Ultrasound in Med. and Biol., Vol. 16, No. 3, (1990).
	A70	Robert M. Lerner, et al., "'Sonoelasticity' Images Derived from Ultrasound Signals in Mechanically Vibrated Tissues." Ultrasound in Med. and Biol., Vol. 16, No. 3 (1990).
	A71	excerpt from Ultrasonics: Fundamentals and Applications (1992), pgs. 380-393, 363-65.
	A72	J.A. Hossack, et al., "Improving Transducer Performance Using Multiple Active Layers." SPIE Vol. 1733 (1992).
	A73	Volkmar Uhlendorf, et al., "Nonlinear Acoustical Response of Coated Microbubbles in Diagnostic Ultrasound." IEEE 1994 Ultrasonics Symposium.
	A74	John A. Hossack, et al., "Improving the Characteristics of a Transducer Using Multiple Piezoelectric Layers." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 40, No. 2, March 1993.
	A75	H. Edward Karrer, et al., "A Phased Array Acoustic Imaging System for Medical Use." IEEE 1980 Ultrasonics Symposium.
	A76	"HP Ultrasound Technologies - Viability." About HP Ultrasound Imaging, WWW document, 1997.
	A77	Ted Christopher, "Finite Amplitude Distortion-Based Inhomogeneous Pulse Echo Ultrasonic Imaging." IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 44, No. 1, Jan. 1997.
	A78	"Supplement to Journal of the American College of Cardiology." American College of Cardiology, 45 th Annual Scientific Session, March 24-27, 1996 pgs. 21A, 63A, 239-240A.
	A79	Yang-Sub Lee, et al., "Time-Domain Modeling of Pulsed Finite-Amplitude Sound Beams." J. Acoustical Society of America, 97 (2), Feb. 1995.
<i>✓</i>	A80	Michalakakis A. Averkiou, et al., "Self-Demodulation of Amplitude and Frequency-Modulated Pulses in a Thermoviscous Fluid." J. Acoustical Society of America, 94 (5), Nov. 1993.

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